5.0 PROCESSING REFERENCE GUIDE

This section provides procedures for using the TCC ESI Version 1.2 software. It is organized with introductory material that explains the TCC ESI menu structure. This is followed by conventions for use and a detailed discussion of the steps a user would follow to use the software for the first time.

5.1 Capabilities

5.1.1 TCC ESI Menu Structure

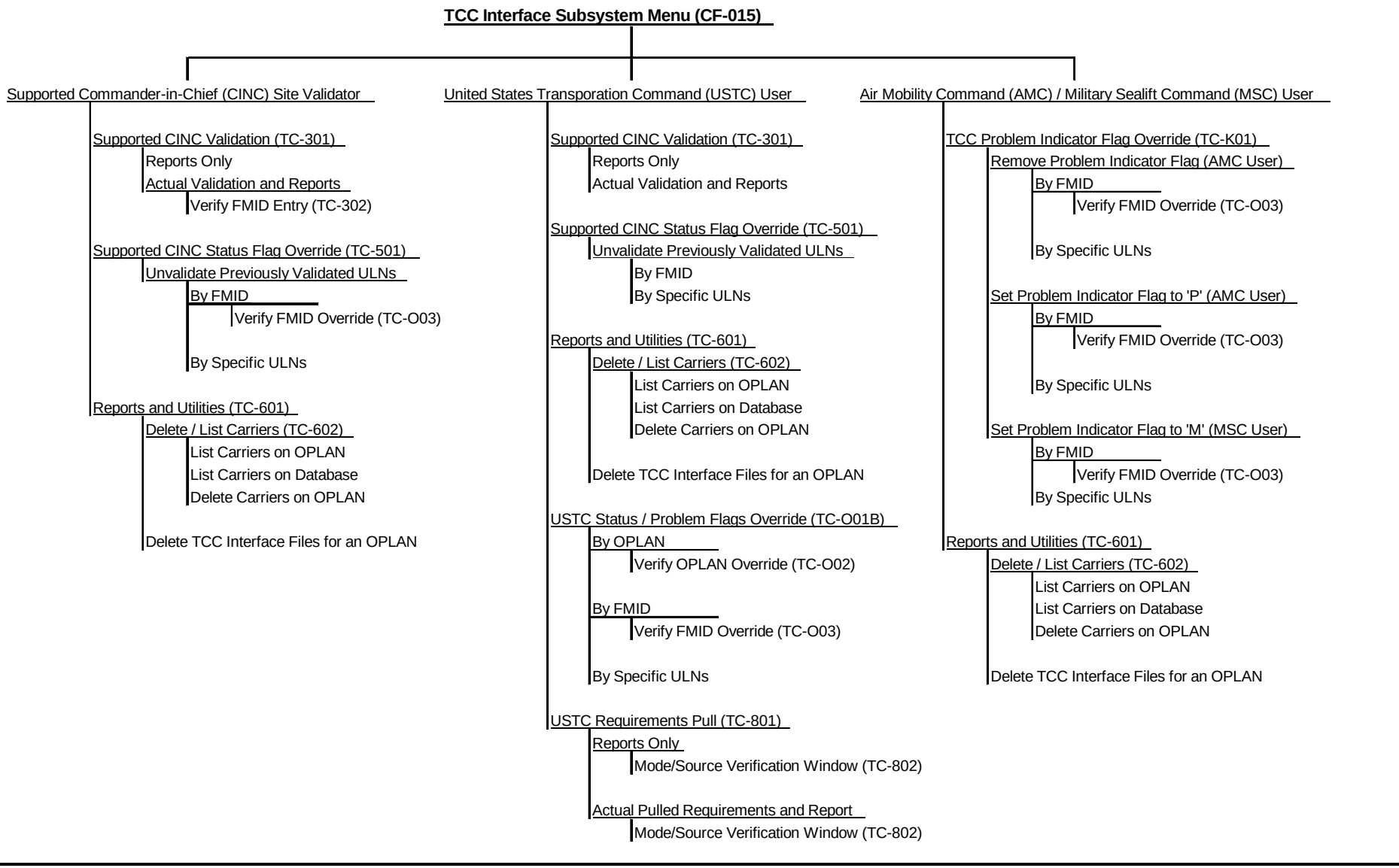
New users may wish to make a copy of Figure 5.1.1-1, TCC ESI Menu Structure, for quick reference while learning to use the application.

Throughout this manual, the user will be directed to appropriate windows using a common description of the menu path based on this figure.

This figure depicts the three main menu hierarchies, one for each of the three different types of TCC ESI users. The specific functions may be found by examining the menu hierarchy for a particular user type. For example, for both the Supported CINC Site Validator and USTC user types, the window to delete carriers from an Operation Plan (OPLAN) can be found by following the **TCC Interface Subsystem Menu -> Reports and Utilities -> Delete/List Carriers** menu path. For the AMC/MSC user type, no such function is available.

The appropriate menu hierarchy selection is automatically performed by the software based on the User ID. The TCC ESI user is not provided the ability to change the initial menu.

TCC ESI


TCC Interface Subsystem Menu (CF-015)
Supported Commander-in-Chief (CINC) Site Validator
Supported CINC Validation (TC-301)
Reports Only
Actual Validation and Reports
Verify FMID Entry (TC-302)
Supported CINC Status Flag Override (TC-501)
Unvalidate Previously Validated ULNs
By FMID
Verify FMID Override (TC-O03)
By Specific ULNs
Reports and Utilities (TC-601)
Delete / List Carriers (TC-602)
List Carriers on OPLAN
List Carriers on Database
Delete Carriers on OPLAN
Delete TCC Interface Files for an OPLAN
United States Transporation Command (USTC) User
Supported CINC Validation (TC-301)
Reports Only
Actual Validation and Reports
Supported CINC Status Flag Override (TC-501)
Unvalidate Previously Validated ULNs
By FMID
By Specific ULNs
Reports and Utilities (TC-601)
Delete / List Carriers (TC-602)
List Carriers on OPLAN
List Carriers on Database
Delete Carriers on OPLAN
Delete TCC Interface Files for an OPLAN
USTC Status / Problem Flags Override (TC-O01B)
By OPLAN
Verify OPLAN Override (TC-O02)
By FMID
Verify FMID Override (TC-O03)
By Specific ULNs
USTC Requirements Pull (TC-801)
Reports Only
Mode/Source Verification Window (TC-802)
Actual Pulled Requirements and Report
Mode/Source Verification Window (TC-802)
Air Mobility Command (AMC) / Military Sealift Command (MSC) User
TCC Problem Indicator Flag Override (TC-K01)
Remove Problem Indicator Flag (AMC User)
By FMID
Verify FMID Override (TC-O03)
By Specific ULNs
Set Problem Indicator Flag to 'P' (AMC User)
By FMID
Verify FMID Override (TC-O03)
By Specific ULNs
Set Problem Indicator Flag to 'M' (MSC User)
By FMID
Verify FMID Override (TC-O03)
By Specific ULNs
Reports and Utilities (TC-601)
Delete / List Carriers (TC-602)
List Carriers on OPLAN
List Carriers on Database
Delete Carriers on OPLAN
Delete TCC Interface Files for an OPLAN

5.1.2 Main Menu Functionality

Table 5.1.2-1, Main Menu Functionality, describes the functions performed under the menu structure displayed in Figure 5.1.1-1.

Table 5.1.2-1. Main Menu Functionality

Menu Heading	Menu and Sub-Menu Functions Performed
Supported CINC Validation	The requirements are validated against a set of edits. If the requirements pass the pre-edit test, the SSF is set to a "V." If the requirements fail the pre-edit test, the PIF is set to an "E" for error.
Supported CINC Status Flag Override	The requirements or specified FMIDs that had previously been validated, can be unvalidated.
TCC Problem Indicator Flag Override	An AMC user can remove the PIF or set the PIF to "P" for specific requirements or specified FMIDs. An MSC user can set the PIF to "M" for specific requirements or specified FMIDs.
USTC Status/Problem Flags Override	SSFs and PIFs can be modified for an OPLAN, an FMID, or for specific ULNs.
USTC Requirements Pull	A report can be provided when a mode and source are provided. The requirements can be pulled as per requested mode and source if the scheduling status is a "V" or a "T." The pulled ULNs are placed in a TPFDD and passed to the TCC scheduling system.
Reports and Utilities	Reports can be generated that provide a list of carriers in an OPLAN or a list of carriers in the database. This utility can also delete carriers in an OPLAN. The carriers can be selected by allocated, unallocated, manifested, unmanifested, or all and the source selected as AMC, Military Traffic Management Command (MTMC), MSC, organic, or all. The selection can be further qualified by date range for relative date or a Greenwich Mean Time (Zulu) date and/or by carrier name range.

5.2 Conventions

The conventions described below are used throughout the application.

5.2.1 Modifiable Data

Data displayed with white text on a black background mean that the data contained in that field are modifiable. The value in these fields can be selected for change by double-clicking the left mouse button while the cursor is in the data field. This places the field in reverse video. The data can then be overwritten by typing in the new values directly.

5.2.2 Nonmodifiable Data

Data displayed with black text on a gray background indicates that the data contained in that field cannot be

modified by clicking on the field and replacing the data.

5.2.3 Information, Warning and Error Messages

These messages are displayed in a small horizontal window near the bottom of the screen.

5.2.4 Buttons

Button fields offer a selection of mutually exclusive choices. When the button next to one choice is pushed, the button next to the previous selection pops out.

5.3 Processing Procedures

5.3.1 TCC ESI Menu Paths

Figure 5.1.1-1 displays the top and subordinate menu structure of TCC ESI.

When the user starts TCC ESI, the appropriate **TCC Interface Subsystem Menu** window is displayed. One of three different versions of the **TCC Interface Subsystem Menu** window is displayed, depending on the User ID. The three different types of TCC ESI users are:

- Supported CINC Site Validator,
- USTC User, and
- AMC or MSC User.

These are described below.

The relationship between the User ID and the particular window display is established in the tccesi.setup runtime script. You will need to contact your site System Administrator (SA) to have any changes made to this script.

To continue from the **TCC Interface Subsystem Menu** window, the entry of an OPLAN is required. The specified OPLAN becomes active and is then carried forward to the subfunctions of the subsystem. Access permissions are reexamined by the subsystem for new OPLANs. When the user navigates to a window where an OPLAN is displayed in a shadowed box, the OPLAN may be altered at that subfunction level. Shadow boxes on all windows accept more characters than are required for an entry. Edit checks by the subsystem determine the validity of typed and/or selected information; error messages are issued as appropriate. The error, diagnostic, and information messages are displayed in the shadowed box located above the **{Cancel}** and **{Continue}** buttons (see Appendix A, Software Summary). The **{Cancel}** or **{Continue}** buttons must be selected in order to navigate further within the subsystem.

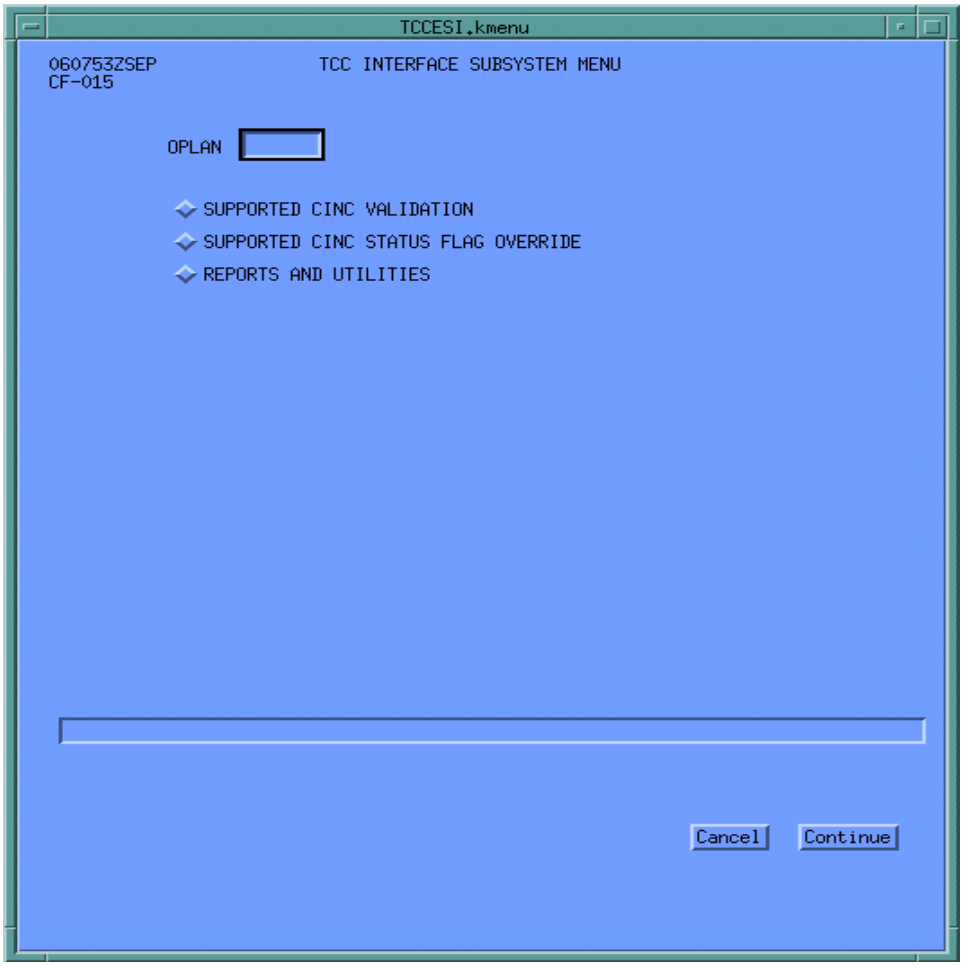
After completion of the selected subfunction within TCC ESI, clicking the **{Cancel}** button returns the user to the previous window. To return to the TCC Interface Subsystem Menu the user must click the **{Cancel}** button.

5.3.1.1 Supported CINC Site Validator

The main **TCC Interface Subsystem Menu** window for the Supported CINC Site Validator, shown in

Figure 5.3.1.1-1, TCC Interface Subsystem Menu - Supported CINC Site Validator, provides the user with three window options:

- Supported CINC Validation,
- Supported CINC Status Flag Override, and
- Reports and Utilities.



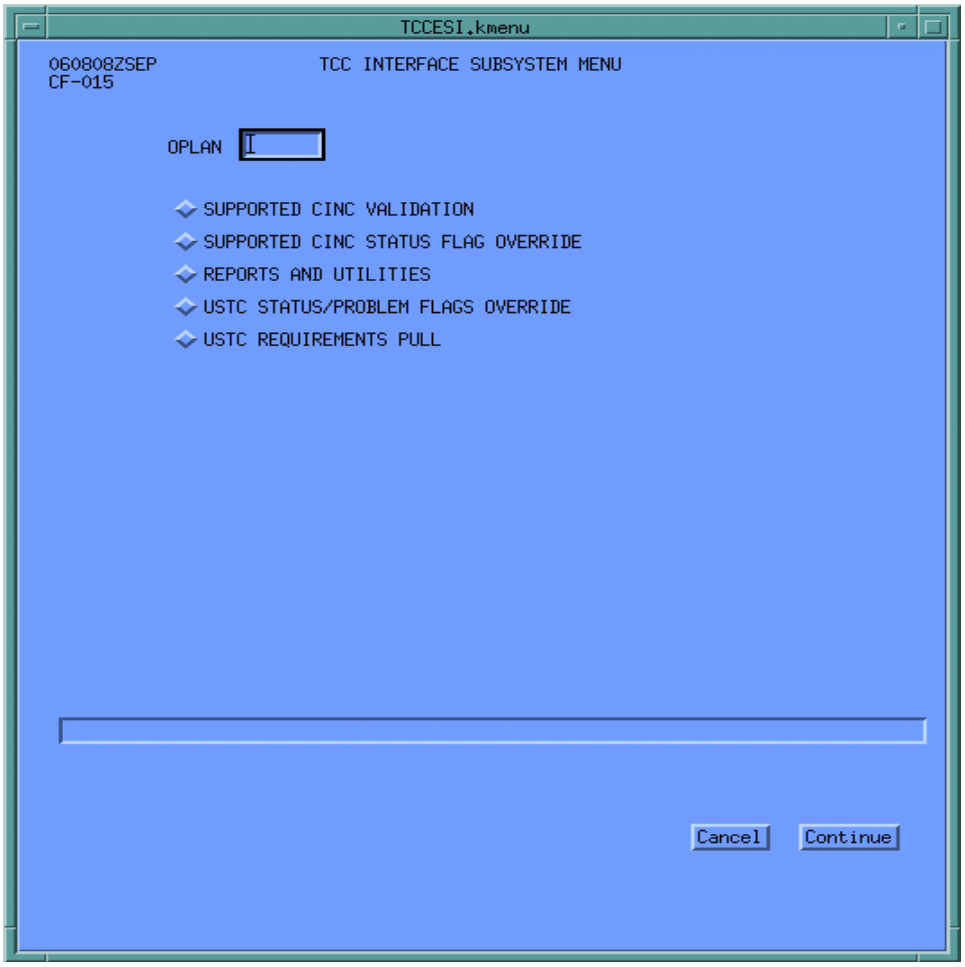
To select an option, the user must specify an OPLAN by typing the OPLAN number in the appropriate box. The user should select one of the listed options by clicking the mouse, or tabbing to the appropriate area and pressing the **[SPACE BAR]**. To act on the selection the user must click the **{Continue}** button.

These window options are described in detail in Paragraphs 5.3.3.1, 5.3.3.2, and 5.3.3.6.

5.3.1.2 USTC User

The main **TCC Interface Subsystem Menu** window for the user, shown in Figure 5.3.1.2-1, TCC Interface Subsystem Menu - USTC User, provides the user with five window options:

- Supported CINC Validation,
- Supported CINC Status Flag Override,
- Reports and Utilities,
- USTC Status/ Problem Flags Override, and
- USTC Requirements Pull.



The first three options are the same as those provided on the **TCC Interface Subsystem Menu** window for the Supported CINC Site Validator. The fourth option permits the user to manually override the flag settings for the SSF and the PIF. The fifth option permits the user to specify requirements to be extracted from the JOPES Core database for export to the appropriate TCC scheduling system.

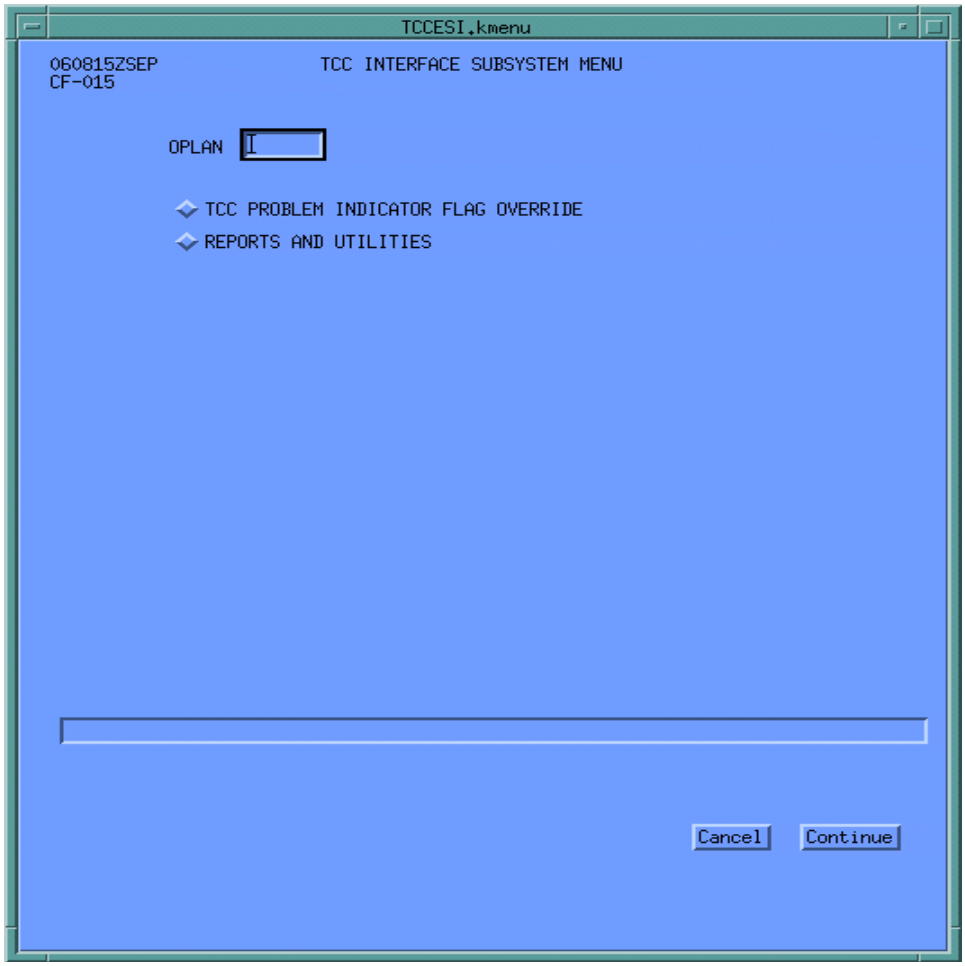
To select an option, the user must specify an OPLAN by typing the OPLAN number in the appropriate box. The user should select one of the listed options by clicking the mouse, or tabbing to the appropriate area and pressing the **[SPACE BAR]**. To act on the selection the user must click the **{Continue}** button.
For an explanation of user navigation of the first three functions, refer to Paragraphs 5.2.1 through 5.2.1.3.2.

These window options are described in detail in Paragraphs 5.3.3.1, 5.3.3.2, 5.3.3.4, 5.3.3.5, and 5.3.3.6.

5.3.1.3 AMC or MSC User

The main **TCC Interface Subsystem Menu** window for the AMC or MSC user, shown in Figure 5.3.1.3-1, TCC Interface Subsystem Menu - AMC or MSC User, provides the user with two window options:

- TCC Problem Indicator Flag Override, and
- Reports and Utilities.



The TCC Problem Indicator Flag Override option permits appropriate users to manually override specific flag values for the PIF. The user specifies the OPLAN, selects the **TCC Problem Indicator Flag Override** window option, and by clicking the **{Continue}** button, the appropriate users are able access this functionality.

These window options are described in detail in Paragraphs 5.3.3.5 and 5.3.3.6.

5.3.2 Types of TCC ESI Windows

The user can quickly learn how to use TCC ESI because most windows function in one of three ways:

- Some windows allow selection of functions from a set of choices. These menu windows are easy-to-use because the user makes selections from radio buttons and then executes these selections via the **{Continue}** button in the same window. An example of such windows is the TCC Interface Subsystem Menu (CF-015).

- Because overrides result in permanent changes to requirements present in the JOPES Core database, when overrides are request, a confirmation window is presented requiring manual re-entry of the original item being overridden. Examples of such windows are the Verify OPLAN Override (TC-O02) and Verify FMID Override (TC-O03).

- Other windows require manual entry of OPLAN, FMID, and/or ULN information. Examples of such windows are the TCC Interface Subsystem Menu (CF-015), Supported CINC Validation (TC-301), and Supported CINC Status Flag Override (TC-501).

Once the user masters one type of window, the others of the same type are easy to learn. Prompts and warnings are generally self-explanatory; an alphabetical listing of them, with explanations, is contained in Appendix A, paragraph A.9.

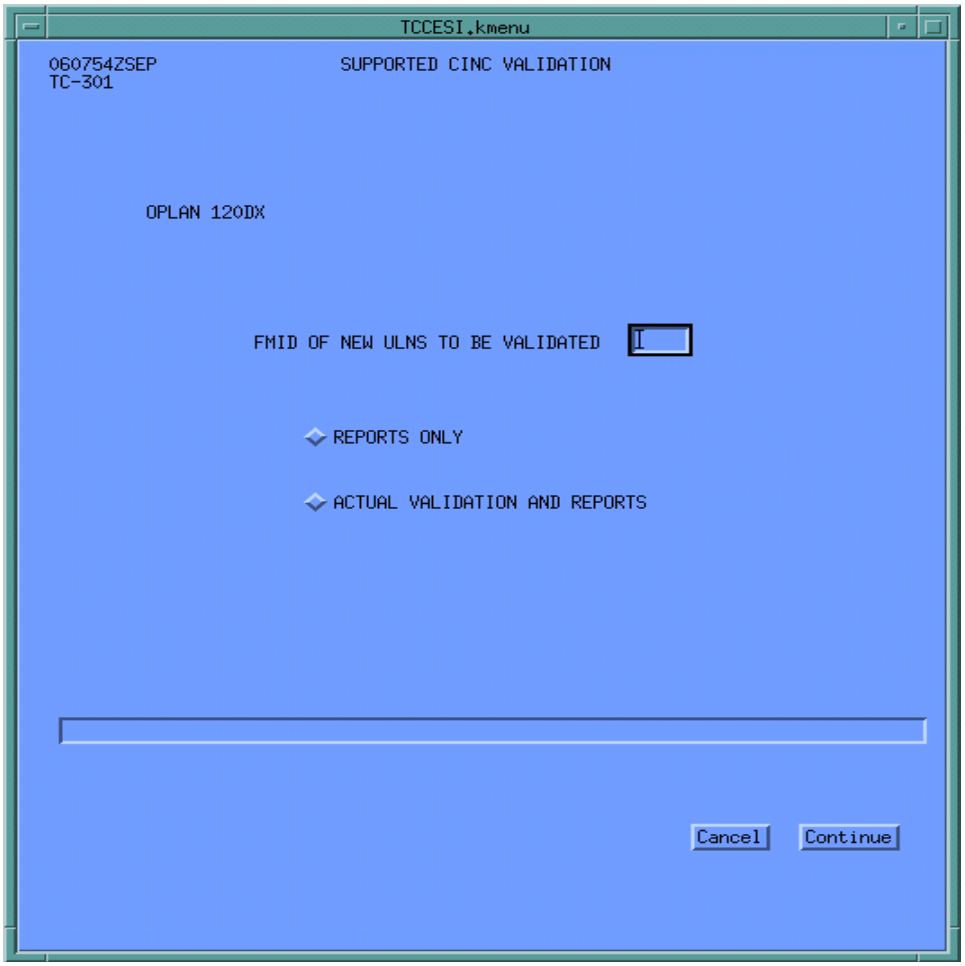
Detailed descriptions of how to use each of TCC ESI's windows are included in this manual in Paragraph 5.3.3, TCC ESI Functions.

5.3.3 TCC ESI Functions

Users should refer to Figure 5.1.1-1, TCC ESI Menu Structure while learning the TCC ESI functions.

5.3.3.1 Supported CINC Validation

The **Supported CINC Validation** window provides the functionality of two options for the user to identify and validate a FMID containing force requirements. The FMID is specifically for the purpose of specifying candidate movement requirements for validation to USTC. Through the use of this window, the requirements in the FMID, along with all previously validated requirements in the database that have not received movement assets, are passed through the Transportation Pre-Edit process. The **Supported CINC Validation** window is shown in Figure 5.3.3.1-1, Supported CINC Validation Window.



Both window options pass identified requirements through the Transportation Pre-Edit Report process. This enables the user to identify those requirements that fail the validation edits. This information can be used to modify requirements to ensure they meet requirement standards.

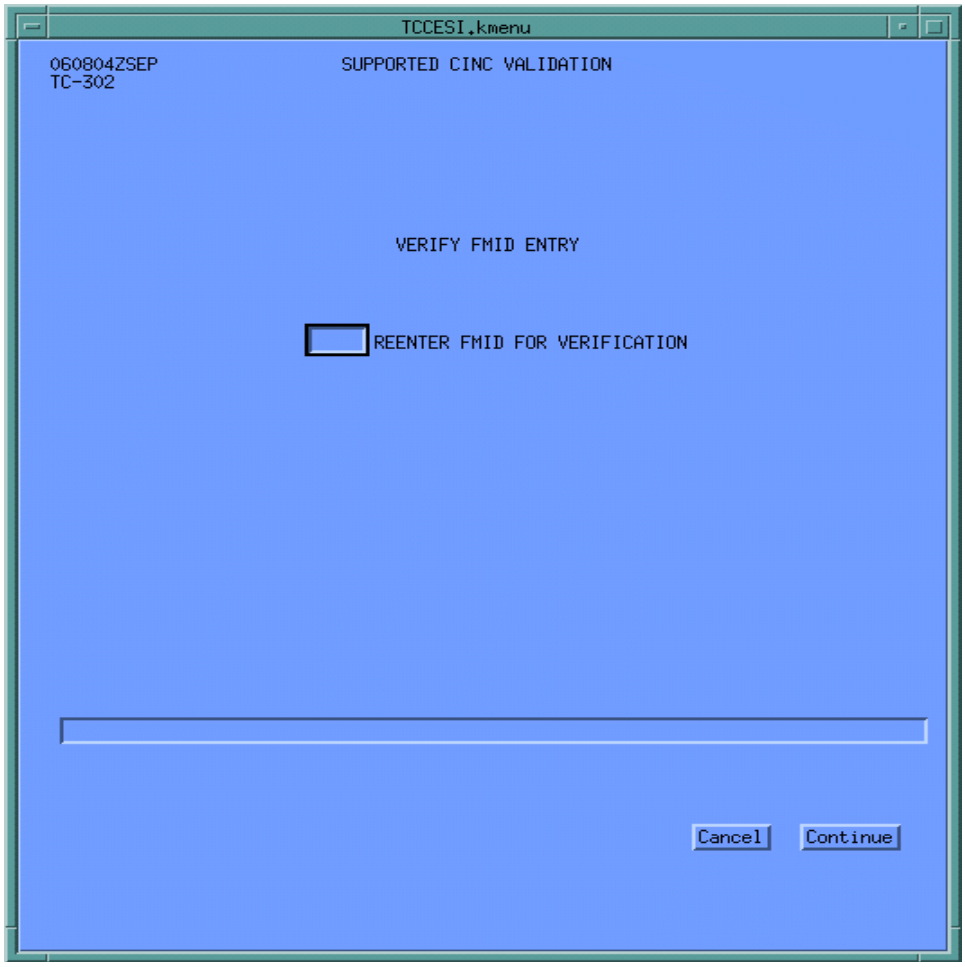
Reports are generated for the user utilizing the options specified in the **Printer Selection Box** window (as described in Paragraph A.8 of Appendix A, Software Summary). An example of these reports is provided in Paragraphs D.1 and D.2 of Appendix D, Sample Reports. These reports are run in a background process and automatically spool to the user's default printer. The reports that are directed to USTC are sent to an established UNIX mail bin via the mailx facility provided by the GCCS COE. The user receives a mail message in the normal login user-ID mail bin upon completion of the background process as to whether or not the executed process was successful.

The **Report Only** window option creates only the reports. No updating of the database flags is performed.

The **Actual Validation and Reports** window option creates transactions to update the database flags related to the validation process. If a requirement meets the edit criteria and the SSF is a space, the SSF is set to "V" for validated. Those requirements having "V," "T," or "A" in the SSF are unaffected by meeting the edit criteria. If the requirement fails to meet the edit criteria, the PIF is set to "E" for error.

Transactions are produced based on the selection of the Actual Validation and Reports window option.

Once the user has entered the FMID in the **Supported CINC Validation** window, (Figure 5.3.3.1-1), the **Supported CINC Validation FMID Verification** window is displayed, as shown in Figure 5.3.3.1-2, Supported CINC Validation FMID Verification Window.



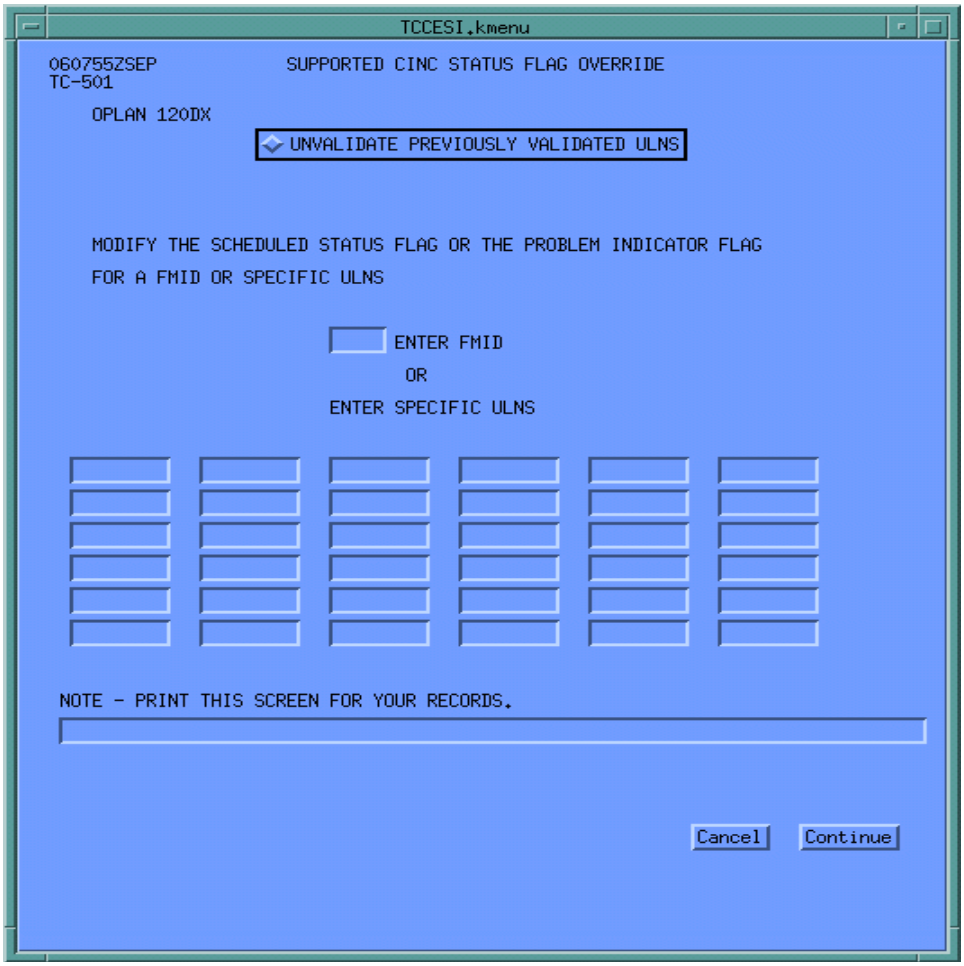
The user is prompted by this window to reenter the FMID. Reentering the FMID ensures that the user has entered the FMID correctly. The user enters the FMID and clicks **{Continue}** to initiate the action. If the FMID entered in this window differs from the FMID previously entered, a message will display in the

Supported CINC Validation window, (Figure 5.3.3.1-1), indicating that the FMID was not correctly verified.

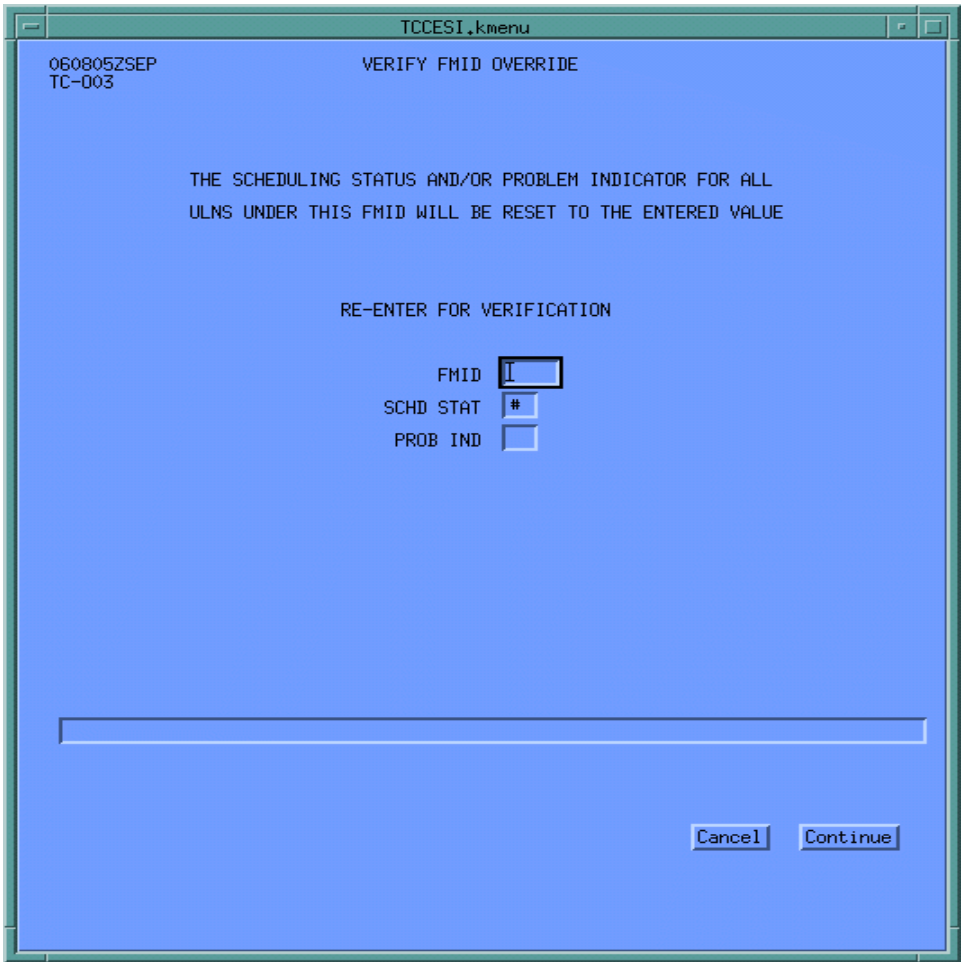
Clicking **{Cancel}** displays the main **TCC Interface Subsystem Menu** window (see Paragraph 5.3.1).

5.3.3.2 Supported CINC Status Flag Override

The **Supported CINC Status Flag Override** window provides the functionality to invalidate previously validated requirements. The user has the option of specifying a FMID or specifying certain force requirements for the specified action. The user then clicks **{Continue}** to initiate the action. The **Supported CINC Status Flag Override** window is shown in Figure 5.3.3.2-1, Supported CINC Status Flag Override Window.



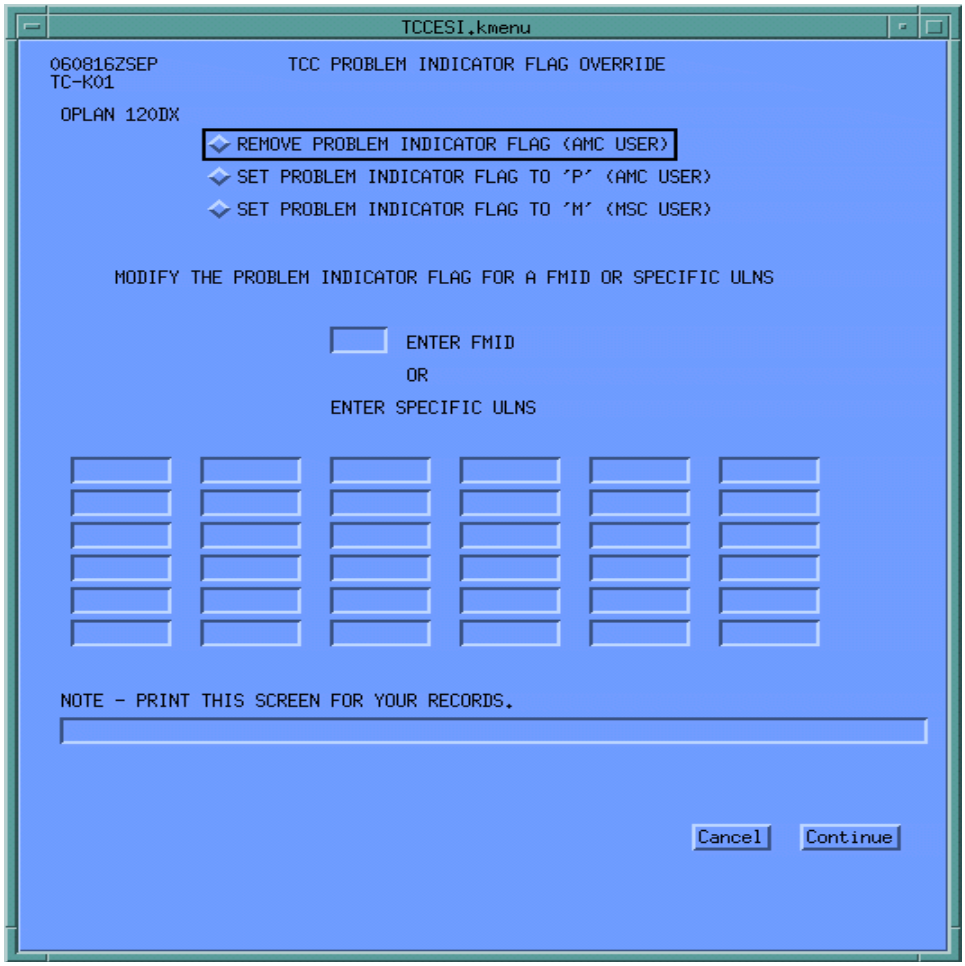
If the **{Enter FMID}** option was selected on the **Supported CINC Status Flag Override** window, the **Verify FMID Override** window is displayed. This requires the user to validate the FMID. The window also displays the value that is applied to the transaction for SSF or PIF. The user should only enter the FMID that was entered previously on the **Supported CINC Status Flag Override** window. If the user enters a different FMID, or modifies the flag value area, processing returns to the previous window. Refer to Figure 5.3.3.2-2, Verify FMID Override Window.



Clicking **{Cancel}** displays the main **TCC Interface Subsystem Menu** window (see Paragraph 5.3.1).

5.3.3.3 TCC Problem Indicator Flag Override

The **TCC Problem Indicator Flag Override** window permits an AMC user or an MSC user to apply overrides to the PIF values. The AMC user may clear the PIF, if it is currently set to "P." The AMC user may set the PIF to a "P." Setting the flag to a "P" indicates that the AMC schedulers have a problem in scheduling the requirement. The MSC user may set the PIF to an "M." The "M" indicates that the MSC scheduler modifies the sea POE or sea POD for the specified requirement. This flag value is needed to override the locked OPLAN business rules for modification of validated requirements. The user has the option of specifying a FMID or selectively specifying certain force requirements for the specified action. The user then clicks **{Continue}** to initiate the action. The **TCC Problem Indicator Flag Override** window is shown in Figure 5.3.3.3-1.



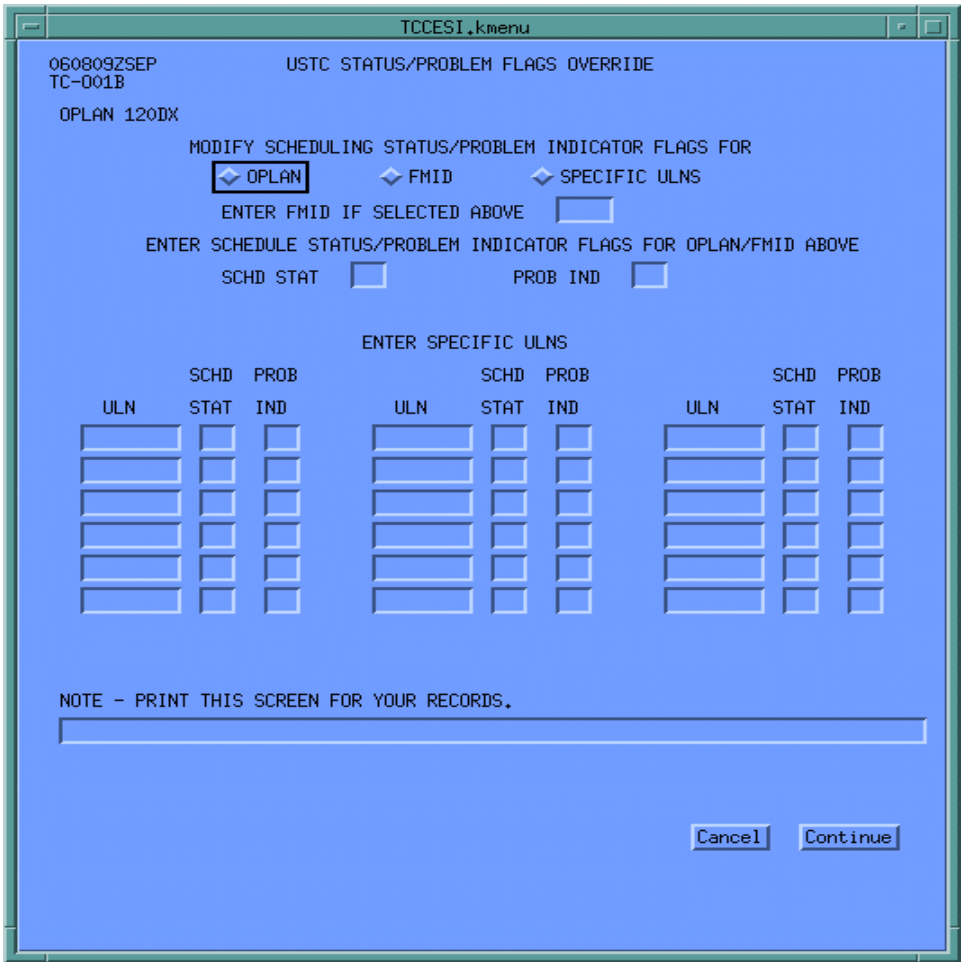
If the **{Enter FMID}** option was selected on the **TCC Problem Indicator Flag Override** window, the **Verify FMID Override** window is displayed. This requires the user to validate the FMID. The window also displays the value that is applied to the transaction for SSF or PIF. The user should only enter the FMID that was entered previously on the **TCC Problem Indicator Flag Override** window, Figure 5.3.3.3-1. If the user enters a different FMID, or modifies the flag value area, processing returns to the previous window. The Verify FMID Override window is shown in Figure 5.3.3.2-2.

Clicking **{Cancel}** displays the main **TCC Interface Subsystem Menu** window (see Paragraph 5.3.1).

5.3.3.4 USTC Status/Problem Flags Override

The **USTC Status/Problem Flags Override** function permits the user to modify SSFs/PIFs for an OPLAN, an FMID, or for specific ULNs. If the OPLAN option is selected, the OPLAN previously identified on the TCC Interface Subsystem Menu is used. The selection **USTC Status/Problem Flags Override** window, is shown in Figure 5.3.3.4-1.

Clicking **{OPLAN}** or **{FMID}** options require an entry in SCHD STAT (SSF) and/or PROB IND (PIF). Only one of the three options may be selected. Information on the selection window indicates which areas need to be completed for each option selected.



The values for the SSF are as follows:

Space	No scheduled status.
S	Sourced by sourcing agencies.
V	Validated for scheduling by Supported CINC.
T	Accepted (pulled) by USTC for scheduling.
A *	Allocated to carrier.
M *	Manifested to carrier.
B *	Both allocated and manifested to carrier.
Z	Forces in place; movement completed.
OTHER	Treated as space.

* The values of "A," "M," or "B" cannot be overridden.

The values for the PIF are as follows:

SPACE	No problem indicator.
E	Transportation pre-edit error.
P	Transportation problem identified by AMC.
X	Transportation problem identified by USTC.
N	Requirement was manifested before validation.

OTHER Treated as space.

When the SSF or the PIF is changed, a five character Julian date of the format YYDDD is entered in the database to indicate the date either flag was changed. Even if the flags are set to spaces, the date field is set to reflect a change in the database.

Values of the SSF and PIF reflect the status of the ULN's movement to the Port of Debarkation (POD). For example, if the ULN is manifested on a carrier from the Origin (ORIG) to the Port of Embarkation (POE), the flags are not updated. However, if the ULN is manifested on a carrier from POE to POD, the SSF is changed to an "M." Flags are affected for the following legs only:

ORIG-INT*	ORIG-POD	ORIG-DEST
POE-INT*	POE-POD	POE-DEST
INT-POD	INT-DEST**	

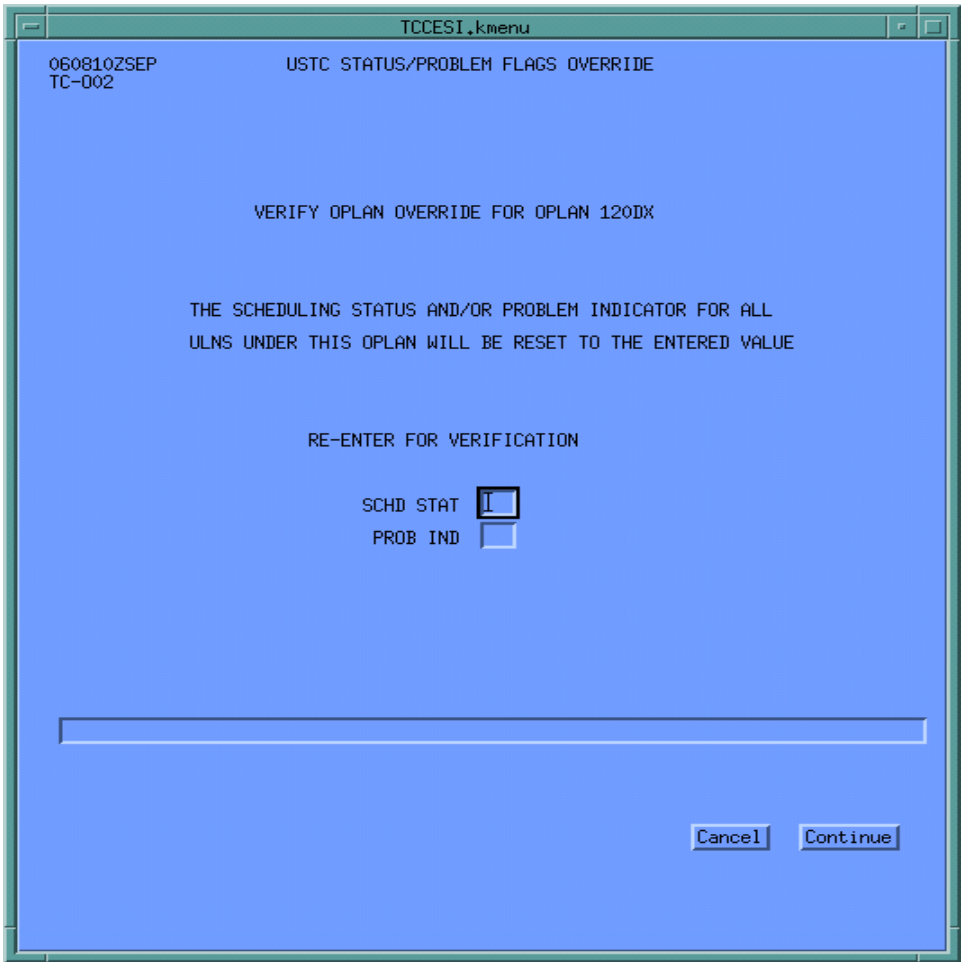
* Flags are only affected when the intermediate stop occurs after the POD.
** Flags are only affected when the intermediate stop occurs before the POD.

No report of selections made is available. If you wish a record of the selections, this window can be printed.

Clicking **{Cancel}** displays the main **TCC Interface Subsystem Menu** window (see Paragraph 5.3.1).

5.3.3.4.1 OPLAN Selection

When the override selection has been made for OPLAN, clicking **{Continue}** displays the **USTC Status/Problems Flags OPLAN Override Verification** window shown in Figure 5.3.3.4.1-1.



The SSF and PIF entries made in the verification window must match the entries on the selection **USTC Status/Problem Flags Override** window shown in Figure 5.3.3.4-1. If the flag selections match, the selection window will display the message "Requested Activity Completed Successfully", and all previously entered data are removed from the window. If the flag selections do not match, the selection window will display an information message and all previously entered data continues to be displayed on the window.

Clicking **{Cancel}** redisplays the **USTC Status/Problem Flags Override** window.

5.3.3.4.2 FMID Selection

When the override selection has been made for FMID, clicking **{Continue}** displays the **Verify FMID Override**. The **Verify FMID Override** window is shown in Figure 5.3.3.2-2. This requires the user to validate the FMID. The window also displays the value that is applied to the transaction for SSF or PIF. The user should only enter the FMID that was entered previously on the **USTC Status/Problem Flags Override** window, Figure 5.3.3.4-1. The SSF and PIF entries must match the entries on the selection **USTC Status/Problem Flags Override** window. If the flag selections match, the selection window will display the message "Requested Activity Completed Successfully", and all previously entered data are removed from the window. If the flag selections do not match, the selection window will display an information message and all previously entered data continues to be displayed on the window.

Clicking **{Cancel}** redisplays the **USTC Status/Problem Flags Override** window.

5.3.3.4.3 Specific ULN Selection

The selection of option **{SPECIFIC ULNS}** requires an entry in the "Enter Specific ULNs" area. The ULN entered must have a SSF and/or a PIF entry. No report to record the selection is available; however, this window can be printed.

If data does not qualify, an information message is displayed. If the data qualifies, the information message indicates "Transaction Queued, System Load May Cause Delays," is displayed on the selection **USTC Status/Problem Flags Override** window shown in Figure 5.3.3.4-1. Additional entries can then be made.

Clicking **{Cancel}** redisplays the **USTC Status/Problem Flags Override** window.

5.3.3.5 USTC Requirements Pull

The **USTC Requirements Pull** window permits the USTC user to extract force requirements from the JOPES Core database for export to the TCC scheduling systems. The user specifies the particular MODE/SOURCE to be pulled or uses an asterisk to indicate all values. The force requirements that have SSFs of "Validated" or "Pulled by USTC" and have the specified MODE/SOURCE as their preferred routing are identified for the Requirements Pull. The **USTC Requirements Pull** selection window is shown in Figure 5.3.3.5-1, USTC Requirements Pull Window.

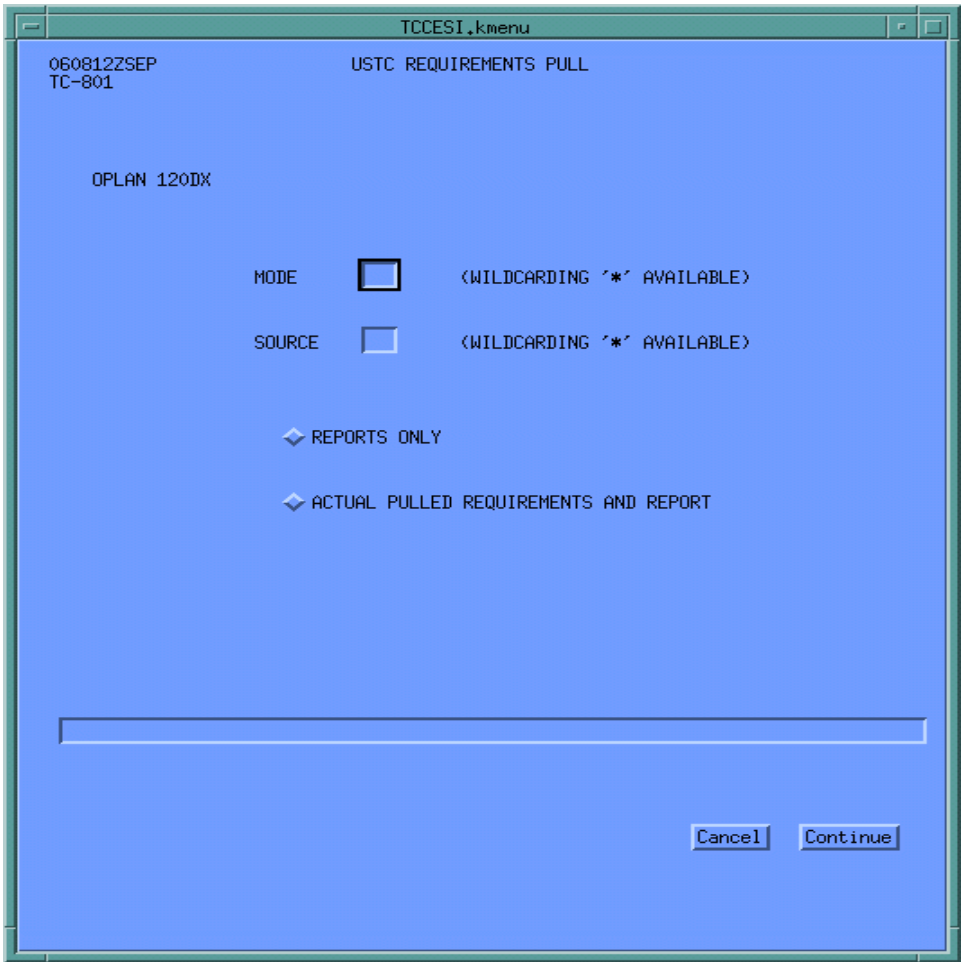
The entry of a specific mode, or an asterisk to indicate wildcarding, determines the mode requested for the Requirements Pull. Use of the asterisk selects all modes available for the OPLAN specified.

The entry of a specific Source, or an asterisk to indicate wildcarding, determines the source requested for the Requirements Pull.

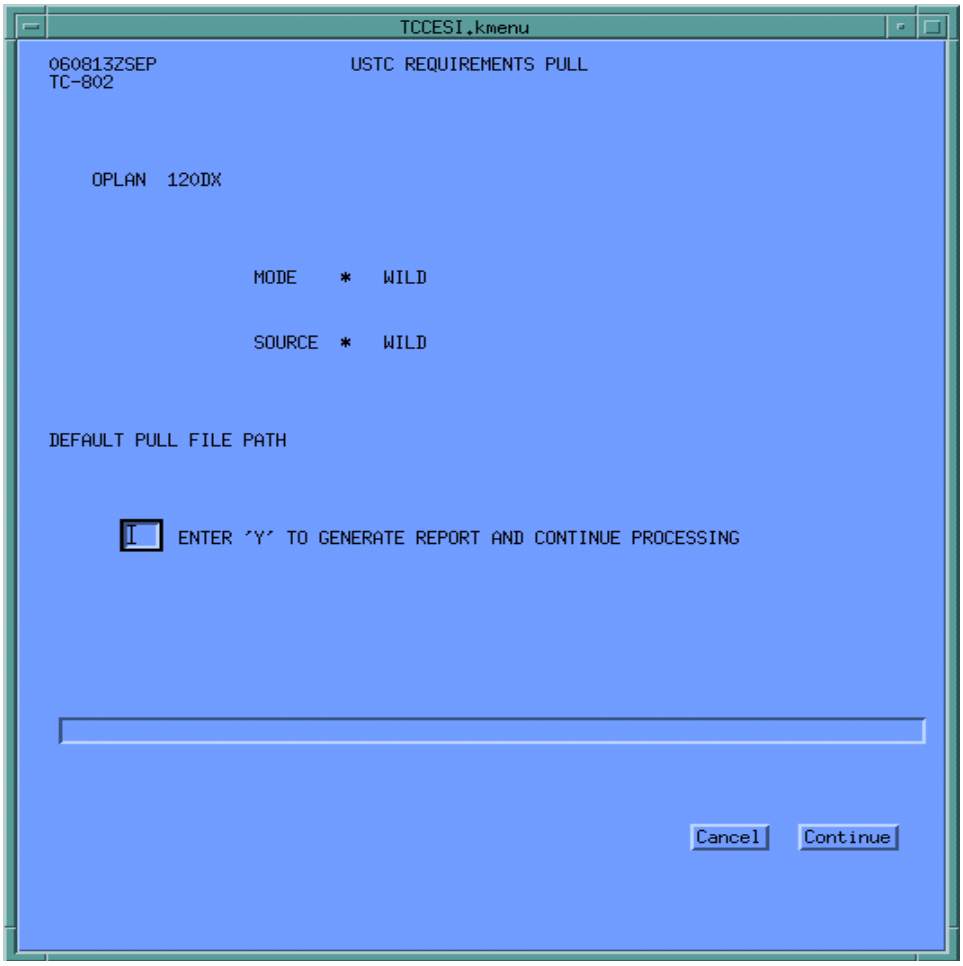
For mode and source codes refer to Appendix E, Transportation Mode and Source Codes.

The user has two options: 1) Run the **{REPORTS ONLY}** option or 2) Select the **{ACTUAL PULLED REQUIREMENTS AND REPORT}** option.

The **{REPORTS ONLY}** option produces the Transportation Pre-Edit and Pull Report menu; however, no requirements are flagged as "T" in the SSF or "E" in the PIF.



Clicking **{Continue}** displays the **USTC Requirements Pull Verification** window shown in Figure 5.3.3.5-2, Mode/Source Verification Window.



The OPLAN is displayed along with the Mode and Source code and a definition of each. If the option **{Actual Pulled Requirements and Report}** was selected on the previous window, a Default Pull File Path is displayed. **Note**: A notation should be made of this path so the Requirements Pull file can be moved from this location to the TCC scheduling system.

If this is not the Mode and Source combination desired, clicking **{Continue}** returns the user to the selection **USTC Requirements Pull** window where the user can then change the selections.

If the Mode and Source displayed on the **USTC Requirements Pull Verification** window is correct, an entry of "Y" and clicking **{Continue}** generates the reports. If the option selected was **{Actual Pulled Requirements and Report}**, any force requirements passing the Pre-Edit have the SSF set to "T." If pre-edit errors are detected, the PIF is set to "E" for the affected requirements.

An example of the reports produced is shown Paragraph D.4, Requirements Pull Report, of Appendix D, Sample Reports.
Clicking **{Cancel}** displays the main **TCC Interface Subsystem Menu** window (see Paragraph 5.3.1)